Inventor: Shigehiro YAMADA et al.
Title: OPTICAL PICK-UP APPARATUS AND SEMICONDUCTOR LASER APPARATUS

FIG. 1

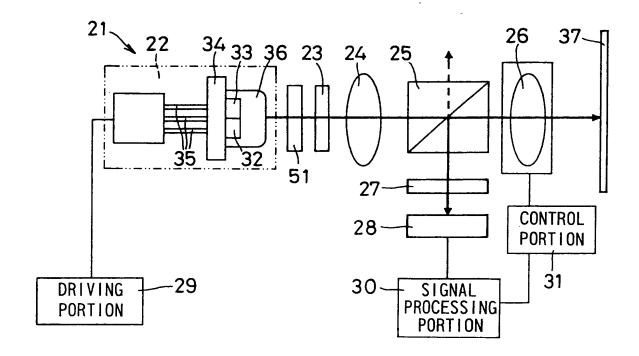


FIG. 2

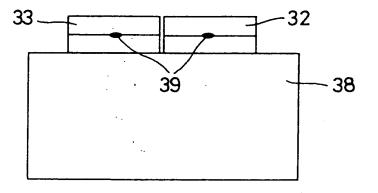


FIG. 3

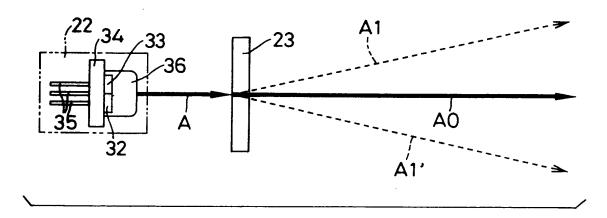
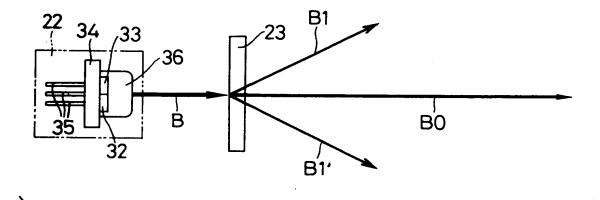


FIG. 4



Inventor: Shigehiro YAMADA et al.

FIG. 5

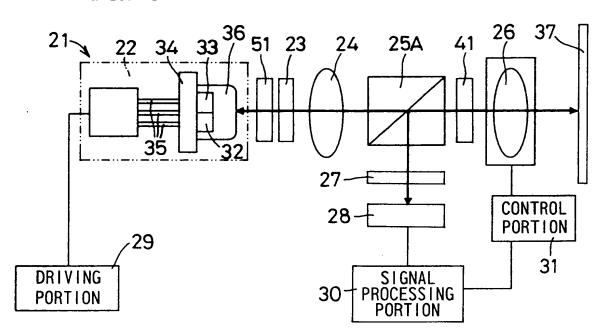


FIG. 6

FIG. 7

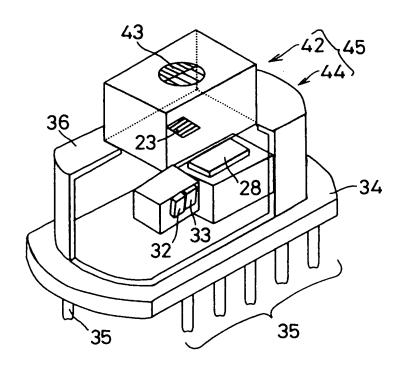
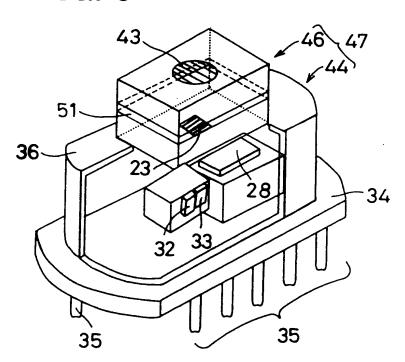


FIG. 8 51

FIG. 9



Inventor: Shigehiro YAMADA et al.

FIG. 10A

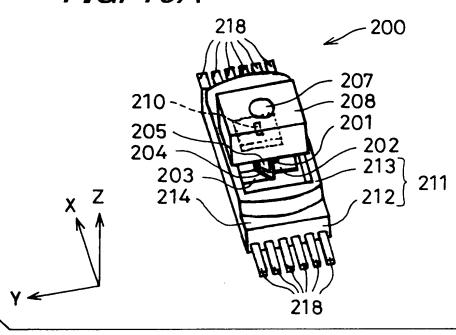


FIG. 10B

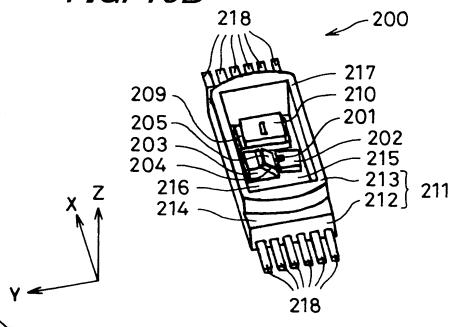


FIG. 11 200 218 214 - 218 - 219 Ε D D 208 -207 ${ 213 \atop 212}$

FIG. 12

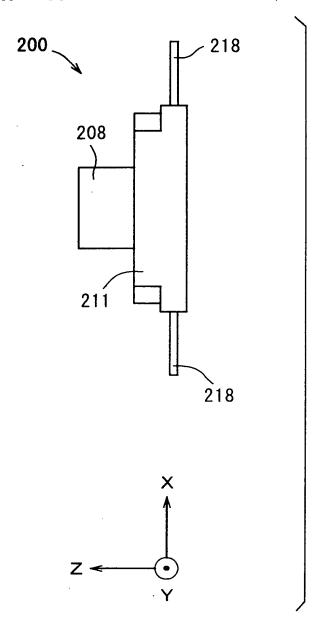
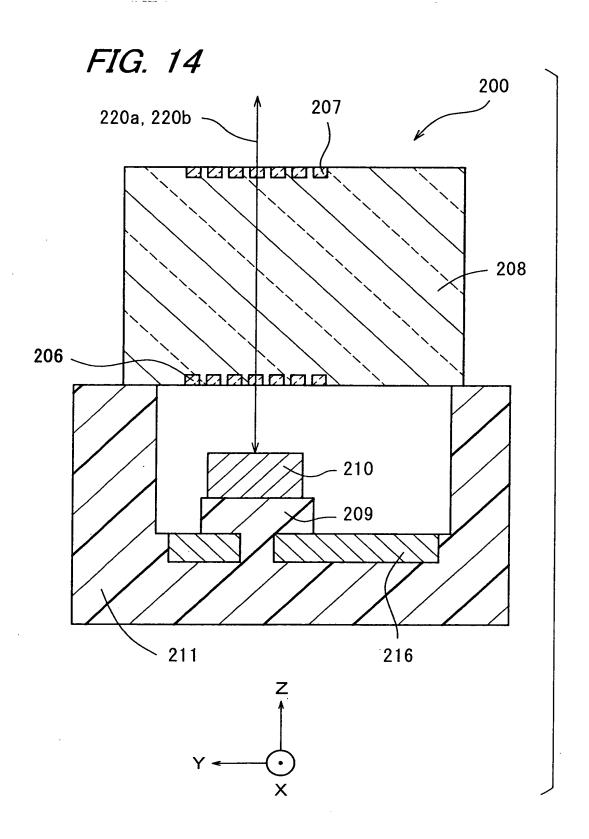


FIG. 13 220a 220b



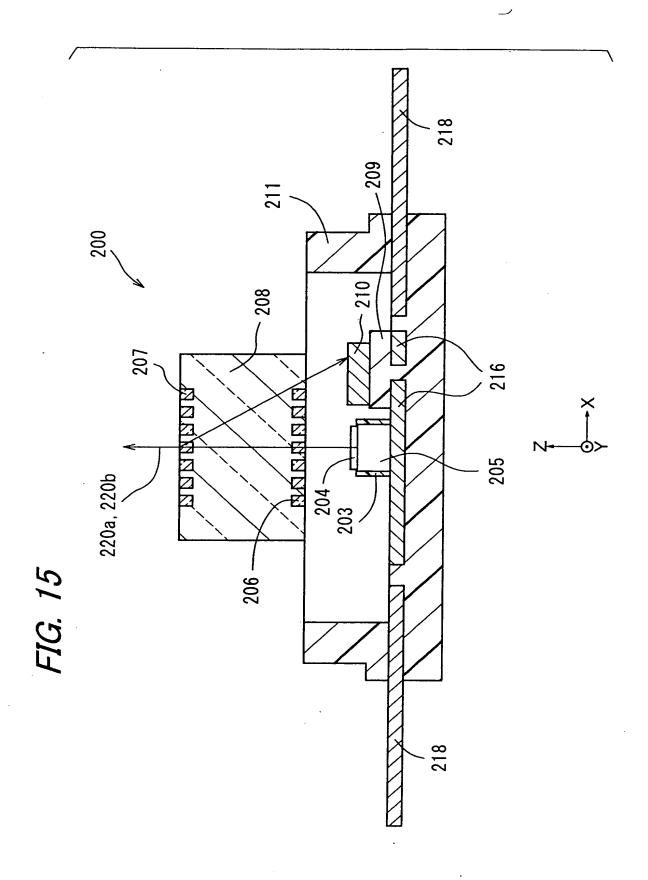
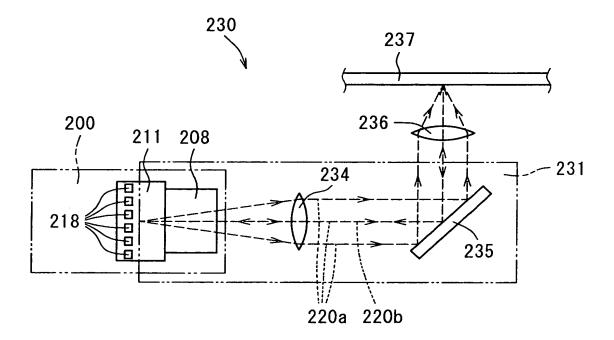
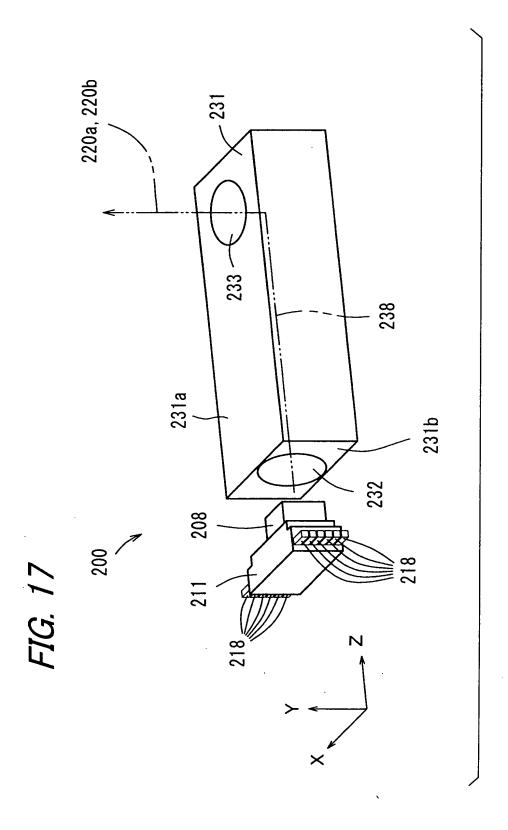


FIG. 16





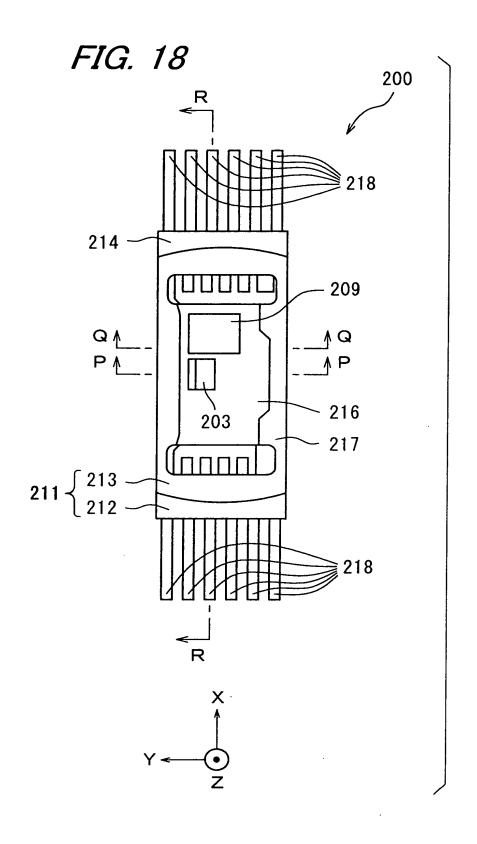


FIG. 19

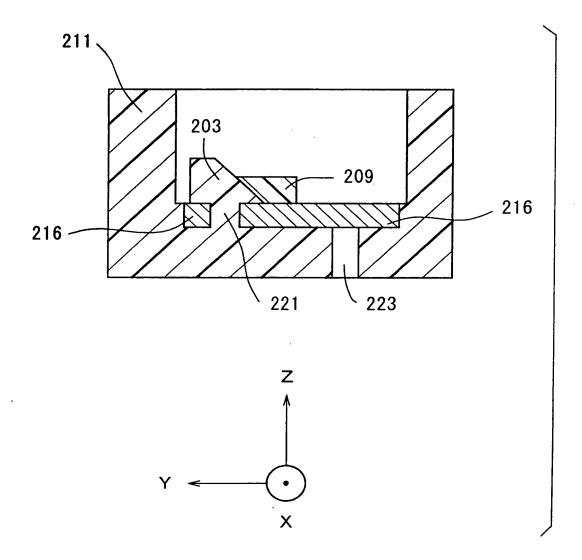
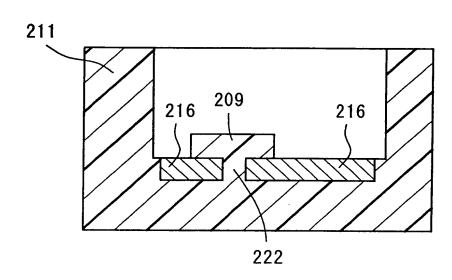


FIG. 20



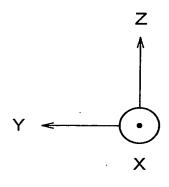


FIG. 21

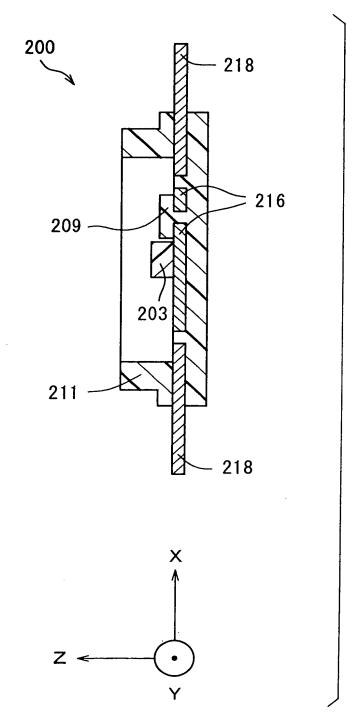
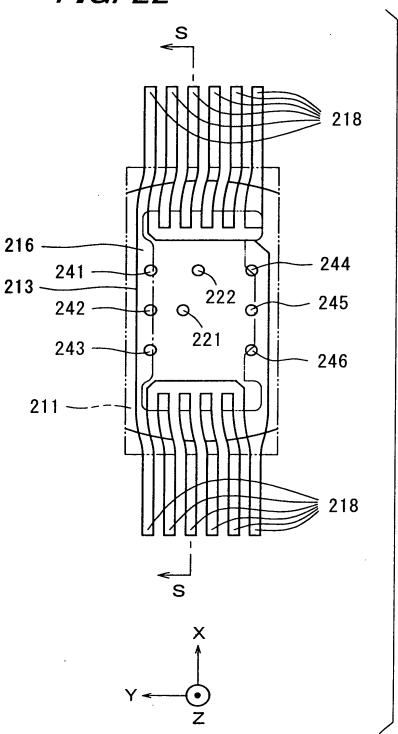


FIG. 22



Inventor: Shigehiro YAMADA et al.

FIG. 23

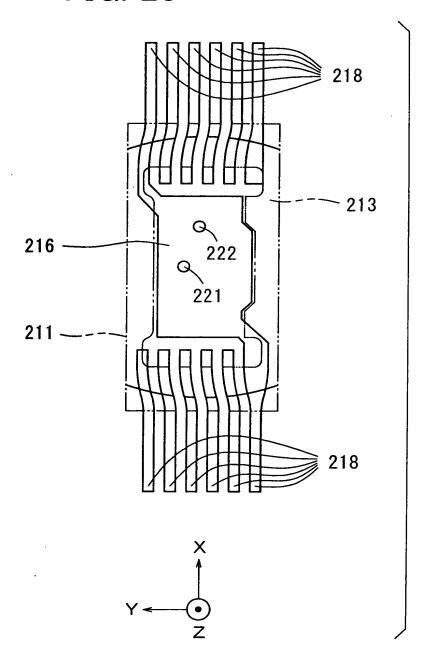
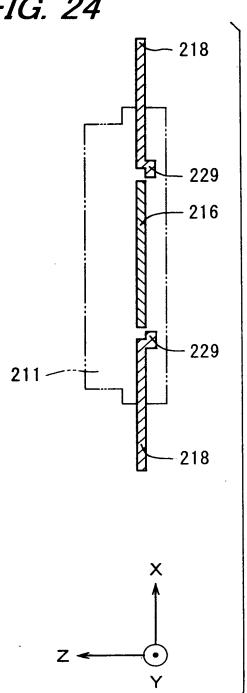
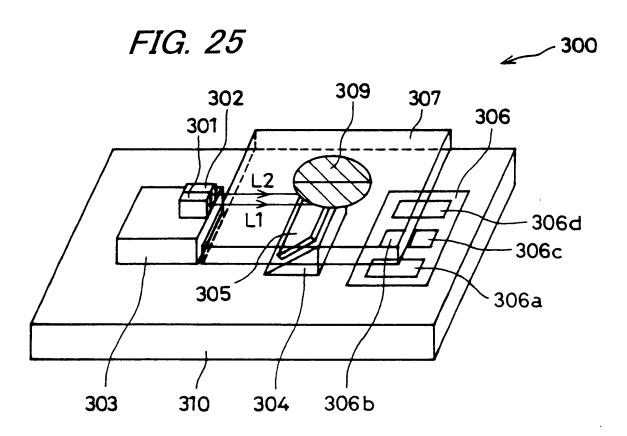


FIG. 24



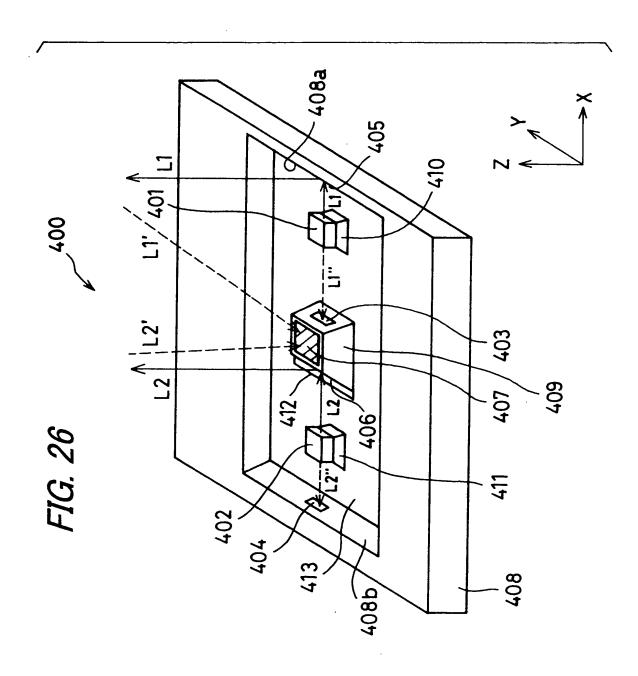
Inventor: Shigehiro YAMADA et al.

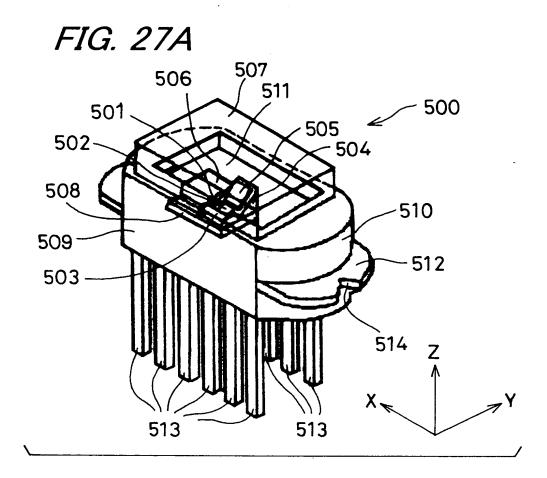


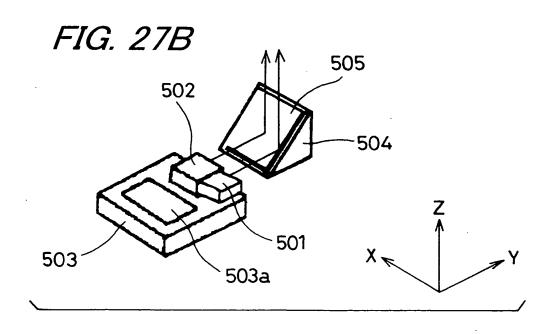
App No.: Not Yet Assigned Docket Inventor: Shigehiro YAMADA et al.

Title: OPTICAL PICK-UP APPARATUS AND Docket No.: 275412001900

SEMICONDUCTOR LASER APPARATUS







Inventor: Shigehiro YAMADA et al.

FIG. 28 PRIOR ART

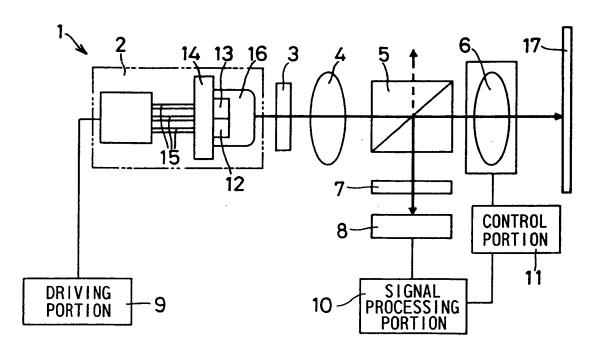
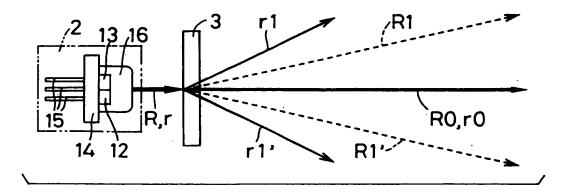


FIG. 29 PRIOR ART



Inventor: Shigehiro YAMADA et al.

Title: OPTICĂL PICK-UP APPARATUS AND SEMICONDUCTOR LASER APPARATUS

FIG. 30A PRIOR ART

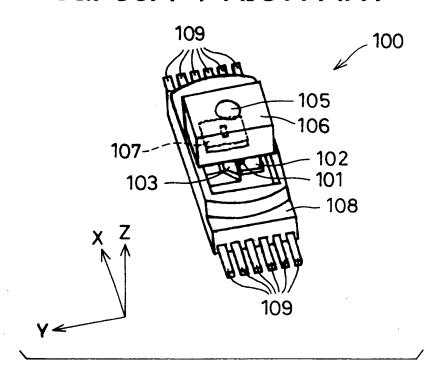
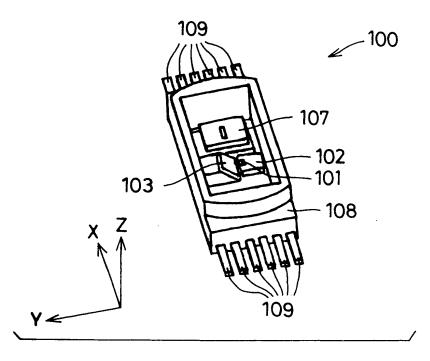
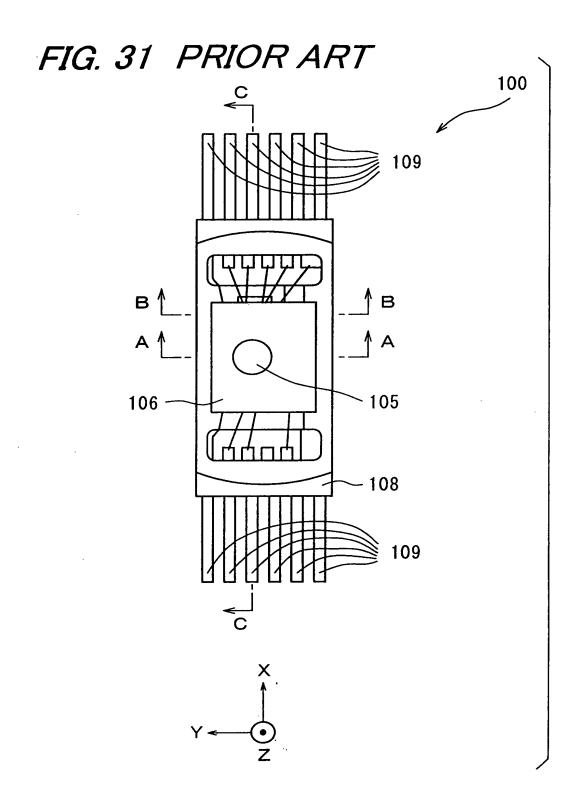


FIG. 30B PRIOR ART





Docket No.: 275412001900 App No.: Not Yet Assigned Inventor: Shigehiro YAMADA et al.

FIG. 32 PRIOR ART

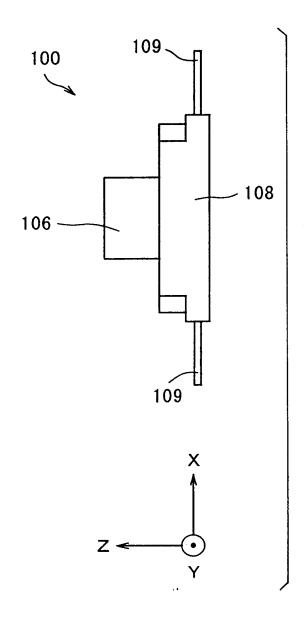
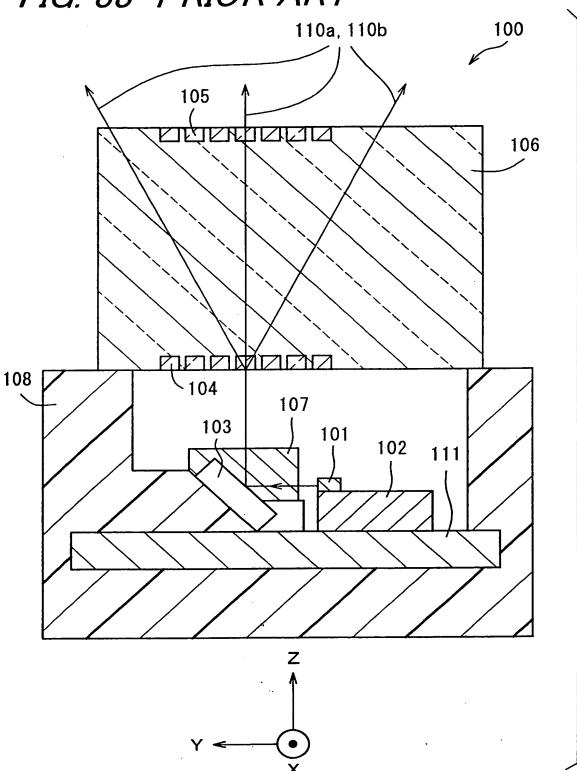


FIG. 33 PRIOR ART



Inventor: Shigehiro YAMADA et al.

